

21. **Allowable Emissions:** The Permittee shall not allow emissions into the atmosphere in excess of any of the following:

	Daily Emission Limits	Twelve Month Rolling Total Emission Limits
Carbon Monoxide		
Nitrogen Oxides (NO _x)		
Sulfur Oxides (SO _x)		
Volatile Organic Compounds VOCs)		
Total Suspended Particulates		
Particulates Smaller Than 10 Microns (PM ₁₀)		

The twelve month rolling total emission shall be calculated within 15 days following the end of each calendar month by summing the emissions over the most recent twelve calendar months.

The Permittee shall not allow emissions from any abrasive blasting activity to exceed 20 % opacity for an aggregate of more than three minutes during any one hour period. The opacity shall be measured in accordance with Section 500 of Rule 312.

22. **Control Parameters:** The Permittee shall utilize at least one of the following control measures for all abrasive blasting:
- Confined blasting.
 - Wet abrasive blasting.
 - Hydroblasting.
 - The use of a California Air Resource Board (CARB) certified abrasive blasting media is a permissible control measure for use in dry unconfined blasting operations provided that the following conditions are all met:
 - Only abrasives on the most recent CARB certification list may be used in the abrasive blasting process;
 - Blasting is performed only on a metal substrate;
 - The abrasive blasting media is used only once;
 - The existing paint on the surface to be abraded has a lead content less than 0.1%;
 - The blasting complies with the 20% opacity limits of Rule 312;
 - The object to be blasted exceeds 8 feet in any dimension or the surface to be blasted is situated at its permanent location; and
 - Blasting is not performed on ground level on a surface which may be disturbed by the process and contribute to particulate emissions (e.g., unpaved ground).
 - A control measure that has been predetermined by the Department to be equally effective in controlling particulate emissions.

23. **Operating Parameters:** The Permittee shall limit the operation of each abrasive blasting engine to no more than [VAR1] hours per day and [VAR2] hours per year, such that each abrasive blasting engine emits [VAR3] pounds per NO_x per hour.
24. **Record Keeping:** The Permittee shall keep records of the following:
- a. The dates when abrasive blasting activities are conducted, the type of abrasive material used, the type of control measure used, and the engine run time hours if an engine referenced in Permit Condition 23 is larger than 50 horsepower and is used. If a CARB approved abrasive blasting media is used to meet the Control Requirements of these Permit Conditions, the following information shall also be recorded for each application:
 - 1) the name of the abrasive media used as it appears on the latest CARB approved certification list;
 - 2) the type of substrate being blasted;
 - 3) if there is reason to believe that the coating being abraded contains lead, the lead content of the coating expressed as a percent by weight; and
 - 4) verification that the object being abraded has either a dimension greater than 8 feet or it is situated at its permanent location.
 - b. The Permittee shall keep monthly records of the type and amount of abrasive blasting media used.